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In this assignment, I have incorporated Google Geocoding API and Google Street View Static API into my program.

When user asks chatbot about its residential address, I’ll use Google Geocoding API to convert the address of UBCO, “3333 University Way, Kelowna, BC”, to its corresponding geographic coordinates, then I use JSON parser to extract latitude and longitude from it.

Then, I use Google Street View Static API to obtain a static image of the geographic location by specifying latitude and longitude parameters in a URL, which is sent through a standard HTTP request. This image is saved in the same directory as the program.

Similarly, if a user enters a valid urban address, I’ll save a street view image of the corresponding address into the directory.